

STATEMENT OF WORK**Pipeline (516)****Tennessee**

These deliverables apply to this individual practice. For other planned practice deliverables refer to those specific Statements of Work.

DESIGN

Deliverables:

1. Design documentation that will demonstrate that the criteria in NRCS practice standard have been met and are compatible with other planned and applied practices.
 - a. Practice purpose(s) as identified in the conservation plan.
 - b. List of required permits to be obtained by the client.
 - c. Impacts on adjacent properties and structures.
 - d. Compliance with NRCS national and state utility safety policy (NEM Part 503-Safety, Subpart A - Engineering Activities Affecting Utilities 503.00 through 503.06).
 - e. Practice standard criteria related computations and analyses to develop plans and specifications including but not limited to:
 - i. Capacity
 - ii. Hydraulics
 - iii. Materials
 - iv. Climatic Considerations (e.g. freezing)
 - v. Vegetation (See practice standard 342-Critical Area Planting)
2. Written plans and specifications including sketches and drawings shall be provided to the client that adequately describes the requirements to install the practice and obtain necessary permits.
3. Environmental evaluation including a completed TN-CPA-25 form
4. Design Report and Inspection Plan as appropriate (NEM Part 511, Subpart B Documentation, 511.11 and Part 512, Subpart D Quality Assurance Activities, 512.30 through 512.32).
4. Operation and Maintenance Plan
5. Certifications that the design meets practice standard criteria and comply with applicable laws and regulations (NEM Subpart A, 505.03(b)(2)).
6. Design modifications during installation as required.

INSTALLATION

Deliverables

1. Pre Installation conference with client and contractor.
2. Verification that client has obtained required permits.
3. Staking and layout according to plans and specifications including applicable layout notes.
4. Installation inspection (according to inspection plan as appropriate).
 - a. Actual materials used.
 - b. Inspection records
5. Facilitate and implement required design modifications with client and original designer.
6. Advise client/NRCS on compliance issues with all federal, state, tribal, and local laws, regulations and NRCS policies during installation.
7. Certification that the installation process and materials meets design and permit requirements.

CHECK OUT

Deliverables

1. As-Built documentation.
 - a. Extent of practice units applied
 - b. Drawings
 - c. Final quantities
2. Certification that the installation meets NRCS standards and specifications and is in compliance

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with permits (NEM Subpart A, 505.03(c)(1), <http://www.info.usda.gov/CED/ftp/CED/NEM.html>).

The NEM specifies that final as-built drawings will include certification statement by the responsible individual that "to the best of my professional knowledge, judgment, and belief this practice is installed in accordance with the plans and specifications and meets NRCS standards.".

3. Progress reporting. *The "Certification Agreement" signed by technical service providers in TechReg stipulates they have a responsibility to provide information to NRCS regarding their activities with USDA producers. All progress for technical services obtained from technical service providers must be reported in TechPRS before payment to TSP can be made. Progress to be reported in TechPRS is limited to planning activities and implementation of practices (design, installation, checkout) under any program when TSP monies fund that activity. This includes technical services obtained through program participant contracts, federal contracts, cooperative agreements, contribution agreements, and architectural and engineering contracts. All TSP progress will be reported in TechPRS, which is accessible from the TechReg website at http://techreg.usda.gov . Click on "Progress Reporting System."*

REFERENCES

- NRCS Field Office Technical Guide (eFOTG), Section IV, Conservation Practice Standard - Pipeline, 516
- NRCS National Engineering Manual (NEM).
- NRCS National Environmental Compliance Handbook
- NRCS Cultural Resources Handbook